

YOSR BEN NAGRA

Full-Stack Developer

+216 53916040 | yosrbennagra@gmail.com | Ariana, Tunisia | <https://github.com/YosrBennagra>

Summary

Full-stack engineer with internship experience building React/Angular frontends and Java/Python backends. Experienced in REST API design, CI/CD automation (Docker, Jenkins, GitHub Actions), testing and documentation. Collaborative, detail-oriented, and fluent in English and French.

Education

Engineering Degree in Computer Science — Web and Internet Technology Track *Sep 2020 - Oct 2025*
Private Higher School of Engineering and Technology (ESPRIT), Tunis, Tunisia

Skills

Frontend Engineering: React, Angular, JavaScript (ES6+), TypeScript, HTML5, CSS3	Data & Persistence: MongoDB, PostgreSQL, MySQL, Oracle
Backend Engineering: Node.js, NestJS, Express, Spring Boot, Django, REST APIs, GraphQL, WebSockets	DevOps & CI/CD: Docker, Jenkins, GitLab CI, GitHub Actions
Languages & Architecture: Python, Java, C#, C++, Microservices Architecture, Linux	Quality & Collaboration: Git, Agile/Scrum, Jest, React Testing Library, JUnit, Unit Testing

Experience

Full-Stack Developer Intern (End-of-Studies Internship) *Feb 2025 – Aug 2025*
IT Serv

- Designed full-stack web platform integrating AI, DevOps, and RAG
- Implemented AI-powered symptom checker, doctor blog, patient forum, admin dashboard
- Fine-tuned AI model and set up CI/CD, containerization, and monitoring

Keywords: ReactJS, Flask, MongoDB, Python, Hugging Face, Docker, Jenkins

Full-Stack Developer Intern *Jun 2024 – Aug 2024*
IronByte

- Developed educational web application with assignment submission and lesson sharing
- Added timetable creation tool improving scheduling efficiency

Keywords: NestJS, ReactJS, MongoDB, TypeScript, JavaScript

Full-Stack Developer Intern *Jul 2023 – Sep 2023*
Ooredoo Tunisie

- Built internal communication app with real-time chat, filtering, and search
- Delivered UX/UI design and unit/integration tests

Keywords: Spring Boot, Angular

Projects

Shape Blaster — Mobile Game *Aug - Sep 2025*
Personal Project

- Built a complete 2D mobile puzzle game covering mechanics, controls, enemy AI, visual effects, and end-to-end delivery in two months

Keywords: Unity, C#, Mobile Development, Game Design

Collaborative Document Platform *2023 - 2024*
Academic Team Project — ESPRIT

- Developed a Notion-like platform with WebSocket collaboration plus secure sharing across groups and users with full authentication/privacy controls

Keywords: React, TypeScript, NestJS, WebSockets, Jest, GitHub Actions, Vercel

Construction Management System *2022 - 2023*
Academic Team Project — ESPRIT

- Built a Qt desktop application for construction firms to manage stock, staff, materials, deliveries, and reporting through a comprehensive CRUD data layer

Keywords: Qt, C++, Desktop Application, Database Management

Languages

Arabic (Native) | English (Fluent) | French (Fluent)